

Supplement of

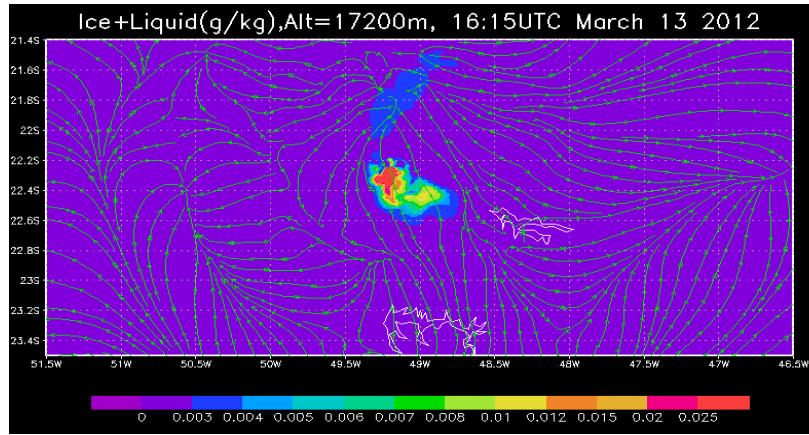
“On the cross-tropopause transport of water by tropical convective overshoots: a mesoscale modelling study constrained by in situ observations during TRO-Pico field campaign in Brazil”

Abhinna K. Behera et al.

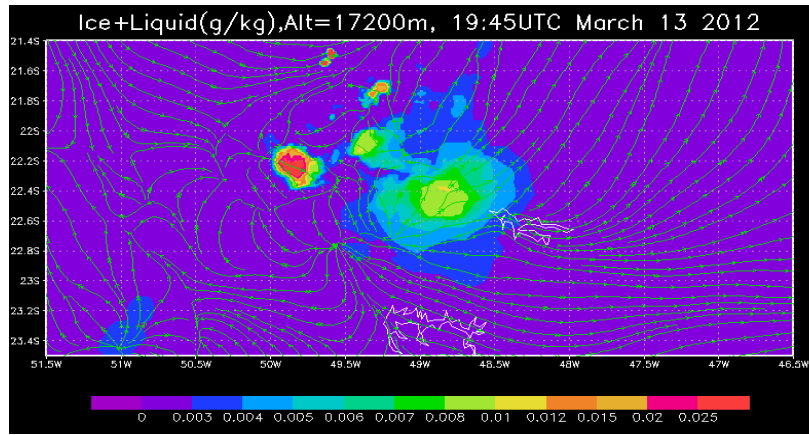
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- movie_radar_brams_13March2012.mp4
- movie_brams_cross-section_13March2012.mp4

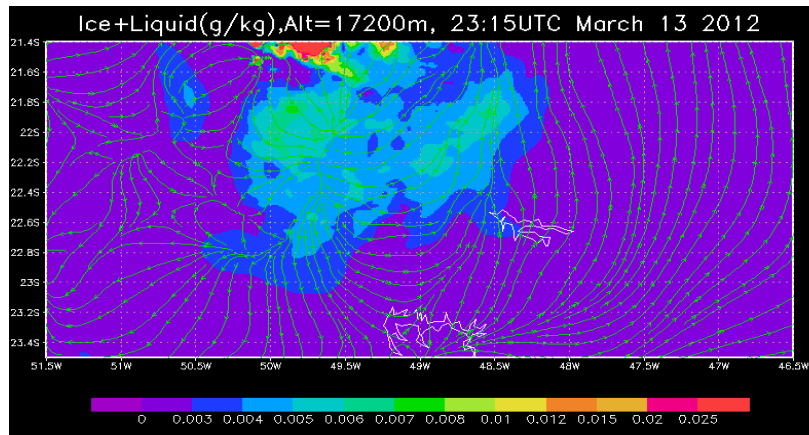
S1. Total water content at 17.2 km altitude in NU21



(a)



(b)



(c)

Figure S1. BRAMS simulation: NU21 total water content (g kg^{-1}), at 17.2 km altitude at a) 16:15 UT, b) 19:45 UT, and c) 23:15 UT, respectively. The streamlines represent the horizontal wind fields within the domain, a composite of the second and the third grid.